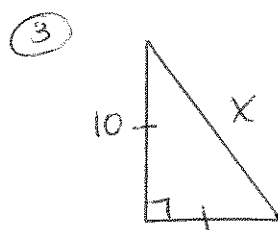
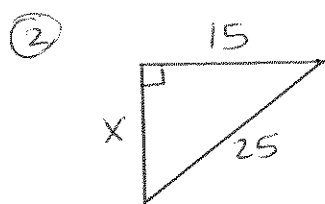
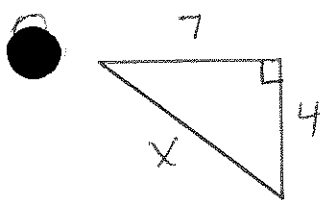


# 8.1 CP Geometry



④ Find the length of a diagonal of a square with sides 20 inches long.

⑤ Find the length of the diagonal of a rectangle with dimensions of 10 feet by 6 feet.

⑥ Does 3, 4, 5 form a right  $\triangle$ ? ⑦ Does 10, 12, 13 form a right  $\triangle$ ?

Find the geometric mean between:

⑧ 7 and 9

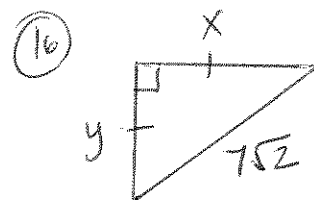
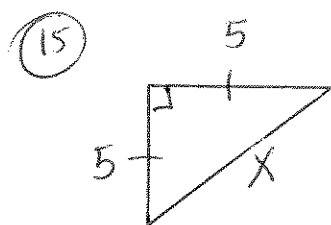
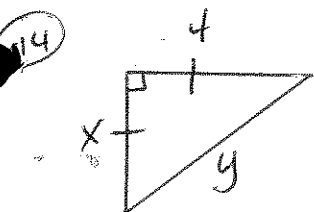
⑨ 14 and 2

⑩  $\sqrt{3}$  and  $\sqrt{3}$

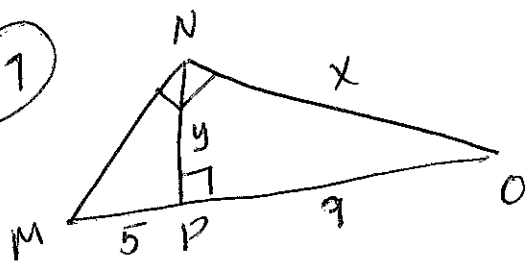
⑪  $2\sqrt{7}$  and  $\sqrt{7}$

⑫ 2 and 7

⑬ 10 and 20



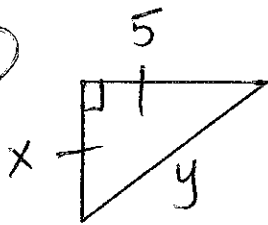
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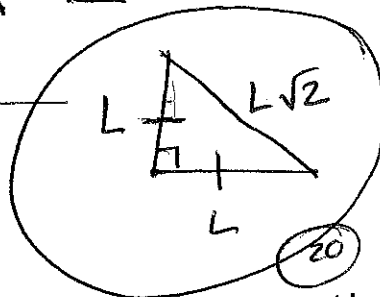
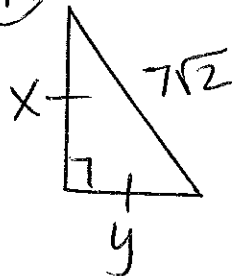
Use 3 Rt $\Delta$ 's & solve for x & y



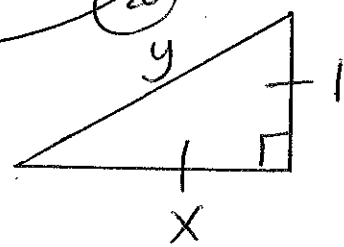
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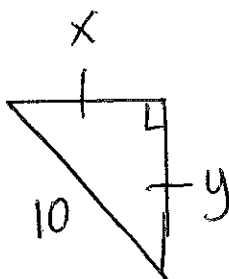
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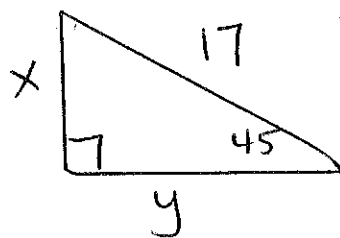
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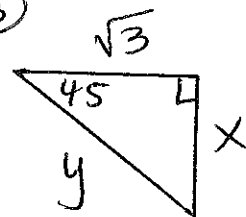
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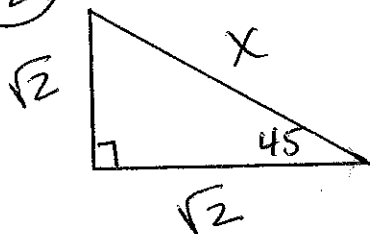
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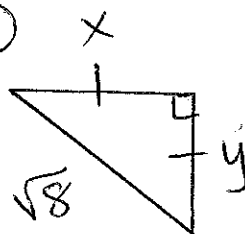
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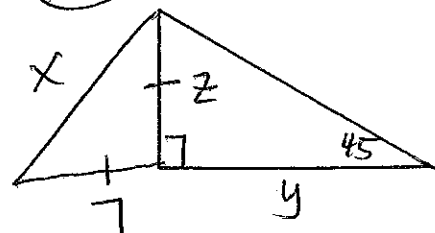
24



25



26



Complete  
10 radicals on the board.